Lvalues and rvalues Exercises

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lvalue and rvalue

- Give a definition of lvalue and rvalue
  - In C
  - In C++
- Give some examples of lvalues and rvalues

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lvalue reference

- Explain briefly what is meant by "lvalue reference"
- Can an lvalue reference be bound to an rvalue?

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Rvalue Reference

- Explain briefly what is meant by "rvalue reference"

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Rvalue Reference

- Write a function which takes an argument by rvalue reference
- Write a program which calls this function and passes it
  - An lvalue
  - An rvalue
- Explain your observations

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std::move

- How can we pass an lvalue as an rvalue reference?
- Is it safe to use a variable after passing it to std::move()?

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